M. A. R. 57 (Rule 116) No. E

Measurement Book

586601

Serial No. 1st Part Bill

Name of work Improvements, developments and construction of Rad. Off drain from

Name of Contractor or nature of Agency Venkatala late View Layout to Yelahanka waste

Date of commencement of work weir and Samudaya Bhavana at Ambedkarnagara

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	and Additional floor to Someshwara Temple Samudaya Bhavana and Konakonagara Samudaya Bhavana, Additional Improvements to Gowdi mane and developmental of Babbie Roads in Kempegowda ward, providing chain link fencing to Doddabettahalli Govt. School ground (Sy. No-s) in Ward no-01.					
	Est Cost : 700.10 Lkhs.					
	Job Code no :- 001-23-000017					
	Name of Contractor :- SRI. SHANKRAPPA IK. [MESPC INFRA PROJECTS]					
	Work order No :- BBMP/EE/YNK.D/EPMT-14/W.O/107/22-23 @ dated 08-02-23					

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
1)	Removing and Resetting of footpath slab and Pointing in C.M [1:3]. qty to Paid 66.14 Sqm @Rs 263.72 = 17444.00						
3)	Cutting of tree, Excluding removal of stumps and roots of trees Girts from 300mm to 600 mm. qty to Paid 20 Each @Rs 526.35/Each = 10527.00						
4)	Cutting of trees, Excluding removal of stumps and roots of trees Girts from 600mm to 900mm qty to Paid 15.00 @Rs 846.54/Each = 12669.00						

M. A. R. 57 (Rule 116) No. E

Measurement Book

586662

Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
5)	Earthwork Excavation By manual means for drains, canal waste weir, draft approach channels, key trenches, Foundations qty to be paid 815.42 @Rs 341.15/cum = 278181.00						
6)	Providing and filling in Foundation with granite/Trap Broken Metal 100mm and down Size with Approved Sand including Hand Packing, Ramming. qty to be paid 1800.00 @Rs 2874.01/cum = 5173222.00						

MEASUREMENT BOOK

te	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
7)	Providing and laying in Position Plain cement concrete for levelling course for all works in foundation of granite/ trap/ basalt crushed grade coarse aggregates. Qty to be Paid 276-41 @ Rs 6232.81/cum = 1722799-00						
8)	Supplying, fitting and placing un-coated TMT Bar Reinforcement in Sub structure complete as per drawing. Qty to be Paid 5773.0 @ Rs 10345.02/Tn = 59690872.00						

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. 586603
Name of work From To
Name of Contractor of nature of Agency
Date of commencement of work

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
9)	Providing and laying in Position Reinforced Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other Parallel works. Qty to be Paid 628-41 @ Rs 9047.50/cum = 6287531-00						
13)	Providing and fixing Precast reinforced cement concrete covering Slab of 10cm thick made of M20 with OPC cement with 20 and down size grade granite metal coarse aggregate. Qty to be Paid 411.56 @ Rs 2113.05/Sqm = 869466.00						

MEASUREMENT BOOK

e	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
4)	Providing and fixing precast reinforced cement concrete covering slabs of 15cm thick made of M20 with OPC cement, with 20mm and down size graded granite metal qty to be Paid 750.00 @Rs 2613.25/sqm = M60313.00						
5)	Providing and fixing Rcc Precast Cover slab of 230mm thick for drain cement concrete M20 using grade granite. Being 20mm and down Size with steel reinforcement qty to be Paid 28.08 @Rs 5138.25/sqm = 144297.00.						

M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

586604

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
16)	Providing and fixing G.I chain link fabric fencing of required width in mesh size 50x50mm including strengthening with 2mm dia wire or nuts bolts. qty to Paid 750.00 @Rs 758.62/sqm = 568965.00						
19)	Providing and fixing structural steel works in single section fixed with or without connecting plate, including cutting. qty to be Paid 8648.80 @Rs 114.47/kgs = 990039.00						

MEASUREMENT BOOK

te	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
1)	Providing and laying in Position plain cement concrete for levelling course for all works in foundation. The grainite / trap / basalt crushed graded locally aggregates.						
	qty to be Paid 9.48 @Rs 6128.08/cum = 58085.00						
0)	Providing and fixing pre cast solid cement Concrete kerb stones made out of M20 with Top and bottom width 11½ and 165 mm respectively						
	qty to be Paid 1000.00 @Rs 517.24/Nos = 517585.00.						

M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No. .....

Name of work ..... From ..... To 586605

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
21)	Painting two coats after filling the surface with synthetic enamel paint in all shades.						
	qty to be Paid 160.58 @Rs 95.39/sqm = 15318.00						
22)	Earthwork in surface Excavation by mechanical means for lowering & levelling the ground for all works other than Foundation in all kinds of soils & upto depth.						
	qty to be Paid 358.10 @Rs 72.94/cum = 25989.0						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
24)	Construction of Granular sub-base of required grading aspes design mixing in a mechanical mix Plant at one, carriage of mixed material. qty to be paid 3511.19 @RS 263.85/cum = 924976.00						
25)	Providing laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at one in mechanical. qty to be paid 7651.3 @RS 268.59/cum = 2018459.00						

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. 586606
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
26)	Providing and applying Primer coat with SS1 grade Bitumen Emulsion on Prepared surface of granular Base including cleaning of road surface. qty to be paid 3376.26 @RS 47.13/sqm = 159124.00						
27)	Providing and applying tack coat with RS1 Bituminous Emulsion using Emulsion Pressure distributor at rate of 0 kg/m2. qty to be paid 8270 @RS 13.47/sqm = 111397.00						

MEASUREMENT BOOK

ate	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
28	Providing and laying Dense Graded Bituminous macadam with 40/60 TPH Capacity Hmp using crushed aggregates of specified grading premixed with bituminous Blinder VG-30. Qty to be Paid 315.34 @Rs 10255.97/cum = 3234148.00						
	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix Plant using crushed aggregates of specified grade premixed with bituminous Blinder VG-30 @5.6 Per Cent of mix and filler transporting the hot mix to work. Qty to be Paid 284.30 @Rs 11907.88/cum = 3385375.00						

M. A. R. 57 (Rule 116) No. E
Measurement Book

586607

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor or nature of Agency .....
Date of commencement of work .....

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
30	providing and laying of hot applied thermo Plastic Lambour 2.5mm thick including reflectorising glass beads @250gm/m area, thickness of 2.5mm is Exclusive of Surface. Qty to be Paid 274.10 @Rs 536.42/sqm = 147033.00						
31	Cost of Haulage Excluding loading and unloading Taking out put lot load and load 10km +100 t.km Qty to be Paid 560.50 @Rs 107.33/t.km = 60174.00						

MEASUREMENT BOOK

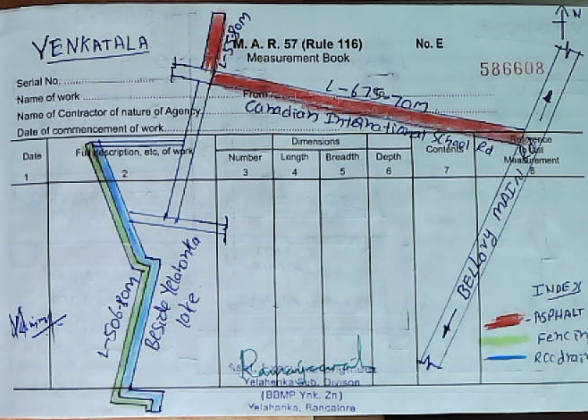
Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Total					30755137.00	
	Gst 18 %					5535924.66	
	Grand total					36291061.66	

Certificate:

1) Certified that the work done is satisfactorily

2) there is no debartmental issue by BBMP

Assistant Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

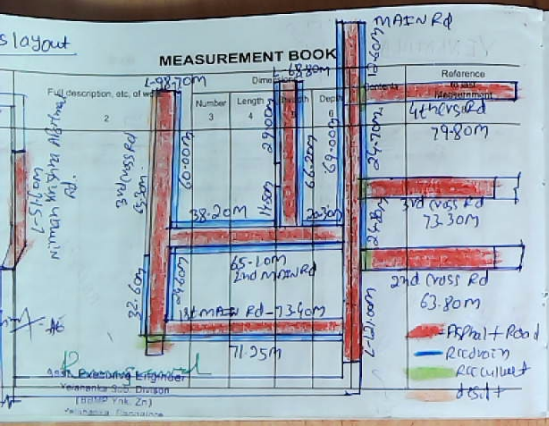


M. A. R. 57 (Rule 116)
Measurement Book
No. E

Serial No.
Name of work
Name of Contractor of nature of Agency
Date of commencement of work

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Assistant Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore



M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. .....

Name of work ..... From ..... To 586609

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	This Amount						1st & part Bill — 001.21.04.0017
	(+) GST						
	TOTAL	362900000:00					
	Less: I Tax	7258000:00					
	SGST	3075421:00					
	CGST	3075421:00					
	BCWWC	362900:00					
	CBF	36229:00					
	ROYALTY	1105300:00					
	FINE	—					
	FSD	—					
	CIC	—					
	Total	181945:00					
		3144720550:00					

Audited & Admitted For Rs. 362900:00

By Ch Rs. 3144720550:00 (In Words) .....

..... and by Adjustment

For Rs. 181945:00

Account Subordt

Exe Engineer
B.B.M.P. Bangalore